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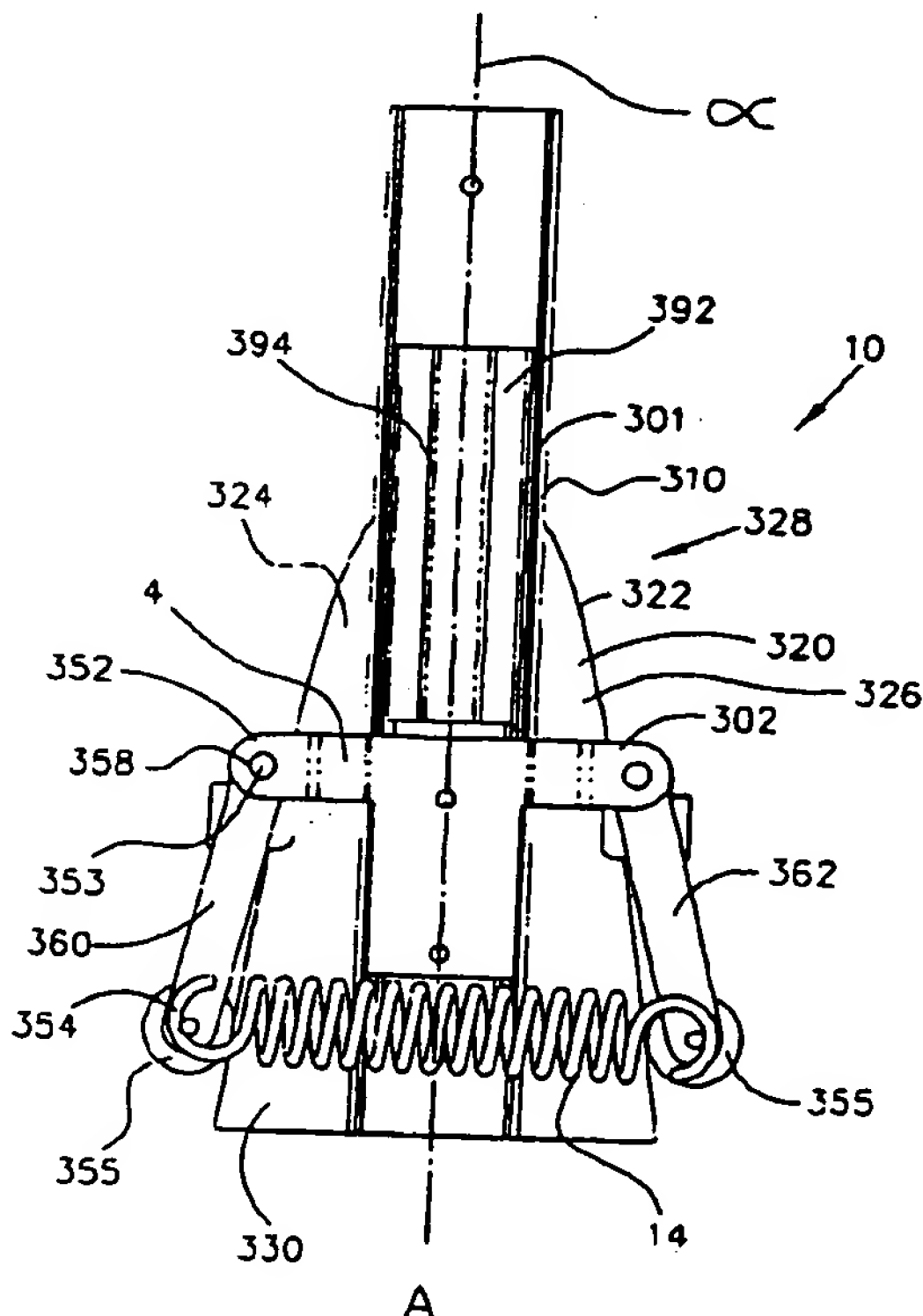
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(54) Title: METHODS AND APPARATUS FOR GENERATING FORCE AND TORQUE



(57) Abstract: A system for providing support and position control of a monitor. In one embodiment, a method of supporting a monitor includes converting an ascending energy storage member force curve into a substantially constant supporting force against the monitor. In one aspect, a method of supporting a monitor includes providing an energy storage member (14) and a cam (320) which are cooperatively positioned so as to move relative to each other along the path of motion. As the energy storage member and thereby changes a force applied by the energy storage member on the cam on the cam, and wherein the cam converts the force applied by the energy storage member into a supporting force on the monitor.

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